

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re U.S. Patent Application of: )

Applicant(s): Zhang et al. )

Divisional of Serial No.: 09/288,741 )

Conf. No.: 7839 )

Parent Filed: April 8, 1999 )

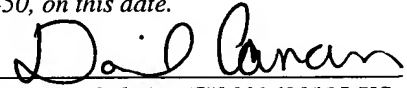
For: LIQUID CRYSTAL DISPLAY )  
DEVICE )

Art Unit: 2674 )

Examiner: Jean E. Lesperance )

I hereby certify that this paper is being deposited with the United States Postal Service as EXPRESS MAIL in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.

Oct. 20, 2003  
Date

  
Express Mail Label No.: EV 032698115 US

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This IDS is submitted under 37 C.F.R. § 1.97(b) within either of the following time periods, whichever occurs last:

- (a) within three months of either the filing date of the national application or the date of entry into the national stage; or
- (b) before the mailing date of first office action on the merits (i.e., not including actions such as restriction requirements).

Applicant(s) submit herewith Form PTO-1449 (Information Disclosure Citation) together with copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 C.F.R. § 1.56. Applicant(s) respectfully submit that the citation of any reference on Form PTO-1449 does not constitute an admission that the reference qualifies as prior art.

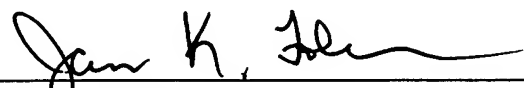
It is requested that the information disclosed on the enclosed Form PTO-1449 be made of record in this application.

The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. §§ 1.16-1.17, or to credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

GREER, BURNS &amp; CRAIN, LTD.

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By:   
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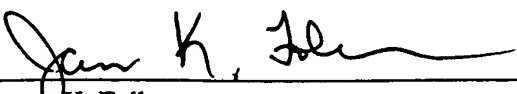
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James K. Folker  
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Form PTO-1449 U.S. Department of Commerce  
(Rev. 8-88) Patent and Trademark Office

Attorney Docket No.: 0941.68342

Divisional of  
Serial No.: 09/288,741

INFORMATION DISCLOSURE CITATION  
(Use several sheets if necessary)

Applicant: Zhang et al.

Filing Date: April 8, 1999

Group: 2674

#### U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	5,574,475	Nov. 12, 1996	Callahan, Jr. et al.	345	100	Oct. 18, 1993
	5,598,178	Jan. 28, 1997	Kawamori	345	93	Dec. 22, 1994
	5,739,805	Apr. 14, 1998	Dingwall	345	100	Dec. 15, 1994
	5,745,093	Apr. 28, 1998	Tsuzuki et al.	345	103	May 27, 1993
	5,856,816	Jan. 5, 1999	Youn	345	98	Oct. 13, 1995
	5,929,832	July 27, 1999	Furukawa et al.			Mar. 1, 1996
	6,014,193	Jan. 11, 2000	Taira et al.			Jul. 30, 1998
	6,040,812	Mar. 21, 2000	Lewis			June 19, 1996
	6,067,066	May 23, 2000	Kubota et al.			Sep. 11, 1996

#### FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	6-167952	Jun. 14, 1994	Japan			Abs.	
	6-102837	Apr. 15, 1998	Japan			Abs.	
	7-199874	Apr. 28, 1998	Japan			Abs.	
	10-307567	Nov. 17, 1998	Japan			Partial	

#### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


Examiner

Date Considered

\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.